

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 101 SOO, 175 A
Source: PCT
Date Processed by STIC: 1-26-05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/26/2005

PATENT APPLICATION: US/10/500,175A

TIME: 12:53:46

Input Set : A:\sequence listing - 61536 (46342).txt
 Output Set: N:\CRF4\01262005\J500175A.raw

3 <110> APPLICANT: Hirokazu Matsumoto
 4 Jiro Noguchi
 5 Mioko Harada
 6 Masaaki Mori
 8 <120> TITLE OF INVENTION: Body weight gain inhibitor
 10 <130> FILE REFERENCE: 61536 (46342)
 12 <140> CURRENT APPLICATION NUMBER: 10/500,175A
 13 <141> CURRENT FILING DATE: 2004-06-25
 15 <150> PRIOR APPLICATION NUMBER: PCT/JP01/13781
 16 <151> PRIOR FILING DATE: 2002-12-27
 18 <150> PRIOR APPLICATION NUMBER: JP2001-403260
 19 <151> PRIOR FILING DATE: 2001-12-28
 21 <150> PRIOR APPLICATION NUMBER: JP2002-93096
 22 <151> PRIOR FILING DATE: 2002-03-28
 24 <160> NUMBER OF SEQ ID NOS: 150
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 32
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Primer
 34 <400> SEQUENCE: 1
 35 atcgattaca atgcaggccg ctgggcaccc ag 32
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 32
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Primer
 45 <400> SEQUENCE: 2
 46 actagtgcc ttcagcaccc caatatgctg cg 32
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 1023
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Homo sapiens
 53 <400> SEQUENCE: 3
 54 atcgattaca atgcaggccg ctgggcaccc agagcccctt gacagcaggg gctccttctc 60
 55 cctccccacg atgggtgcca acgtctctca ggacaatggc actggccaca atgccacctt 120
 56 ctccgagcca ctgccgttcc totatgtct cctgcccggc gtgtactccg ggatctgtgc 180
 57 tgtggggctg actggcaaca cggccgtcat cttgttaatc ctaagggcgc ccaagatgaa 240
 58 gacggtgacc aacgtgttca tcctgaacct ggccgtcgcc gacgggctct tcacgctggt 300
 59 actgcccgtc aacatcgccg agcacctgtc gcagtaactgg cccttcgggg agctgctctg 360
 60 caagctggtg ctggccgtcg accactacaa catcttctcc agcatctact tcctagccgt 420

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61	gatgagcgtg	gaccgatacc	tggtggtgt	ggccaccgtg	aggcccgc	acatgccctg	480									
62	ggcacctac	cggggggcga	aggtcgcca	cctgtgtgtc	tggctggcg	tcacggtcct	540									
63	ggttctgccc	ttcttccttt	tcgctggcgt	ctacagcaac	gagtcagg	tcccaagctg	600									
64	tgggctgaga	ttccctgtgc	ccgagcagg	ctggtcaag	gccagccgtg	tctacacgtt	660									
65	ggtcctggc	tccgtgtgc	ccgtgtgcac	catctgtgtg	ctctacacag	acctcctgcg	720									
66	caggctgcgg	gccgtgcccc	tccgctctgg	agccaaggct	ctaggcaagg	ccaggcggaa	780									
67	ggtgaccgtc	ctggctctcg	tctgtgtggc	cgtgtgcctc	ctctgctgga	cgcccttcca	840									
68	cctggcctct	gtcgtggccc	tgaccacgga	cctgccccag	accccactgg	tcatcagtat	900									
69	gtcctacgtc	atcaccagcc	tcagctacgc	caactcgtgc	ctgaaccct	tcctctacgc	960									
70	ctttctagat	gacaacttcc	ggaagaactt	ccgcagcata	ttgcgggtct	gaagggcact	1020									
71	agt						1023									
73	<210>	SEQ ID NO:	4													
74	<211>	LENGTH:	333													
75	<212>	TYPE:	PRT													
76	<213>	ORGANISM:	Homo sapiens													
78	<400>	SEQUENCE:	4													
79	Met	Gln	Ala	Ala	Gly	His	Pro	Glu	Pro	Leu	Asp	Ser	Arg	Gly	Ser	Phe
80	1				5				10					15		
81	Ser	Leu	Pro	Thr	Met	Gly	Ala	Asn	Val	Ser	Gln	Asp	Asn	Gly	Thr	Gly
82					20				25					30		
83	His	Asn	Ala	Thr	Phe	Ser	Glu	Pro	Leu	Pro	Phe	Leu	Tyr	Val	Leu	Leu
84					35				40					45		
85	Pro	Ala	Val	Tyr	Ser	Gly	Ile	Cys	Ala	Val	Gly	Leu	Thr	Gly	Asn	Thr
86					50				55					60		
87	Ala	Val	Ile	Leu	Val	Ile	Leu	Arg	Ala	Pro	Lys	Met	Lys	Thr	Val	Thr
88					65				70					75		80
89	Asn	Val	Phe	Ile	Leu	Asn	Leu	Ala	Val	Ala	Asp	Gly	Leu	Phe	Thr	Leu
90					85				90					95		
91	Val	Leu	Pro	Val	Asn	Ile	Ala	Glu	His	Leu	Leu	Gln	Tyr	Trp	Pro	Phe
92					100				105					110		
93	Gly	Glu	Leu	Leu	Cys	Lys	Leu	Val	Leu	Ala	Val	Asp	His	Tyr	Asn	Ile
94					115				120					125		
95	Phe	Ser	Ser	Ile	Tyr	Phe	Leu	Ala	Val	Met	Ser	Val	Asp	Arg	Tyr	Leu
96					130				135					140		
97	Val	Val	Leu	Ala	Thr	Val	Arg	Ser	Arg	His	Met	Pro	Trp	Arg	Thr	Tyr
98					145				150					155		160
99	Arg	Gly	Ala	Lys	Val	Ala	Ser	Leu	Cys	Val	Trp	Leu	Gly	Val	Thr	Val
100					165				170					175		
101	Leu	Val	Leu	Pro	Phe	Phe	Ser	Phe	Ala	Gly	Val	Tyr	Ser	Asn	Glu	Leu
102					180				185					190		
103	Gln	Val	Pro	Ser	Cys	Gly	Leu	Ser	Phe	Pro	Trp	Pro	Glu	Gln	Val	Trp
104					195				200					205		
105	Phe	Lys	Ala	Ser	Arg	Val	Tyr	Thr	Leu	Val	Leu	Gly	Phe	Val	Leu	Pro
106					210				215					220		
107	Val	Cys	Thr	Ile	Cys	Val	Leu	Tyr	Thr	Asp	Leu	Leu	Arg	Arg	Leu	Arg
108					225				230					235		240
109	Ala	Val	Arg	Leu	Arg	Ser	Gly	Ala	Lys	Ala	Leu	Gly	Lys	Ala	Arg	Arg
110					245				250					255		
111	Lys	Val	Thr	Val	Leu	Val	Leu	Val	Val	Leu	Ala	Val	Cys	Leu	Leu	Cys

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Input Set : A:\sequence listing - 61536 (46342).txt
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112	260	265	270
113	Trp Thr Pro Phe His Leu Ala Ser Val Val Ala Leu Thr Thr Asp Leu		
114	275	280	285
115	Pro Gln Thr Pro Leu Val Ile Ser Met Ser Tyr Val Ile Thr Ser Leu		
116	290	295	300
117	Ser Tyr Ala Asn Ser Cys Leu Asn Pro Phe Leu Tyr Ala Phe Leu Asp		
118	305	310	315
119	Asp Asn Phe Arg Lys Asn Phe Arg Ser Ile Leu Arg Cys		320
120	325	330	
122	<210> SEQ ID NO: 5		
123	<211> LENGTH: 687		
124	<212> TYPE: RNA		
125	<213> ORGANISM: Artificial Sequence		
127	<220> FEATURE:		
128	<223> OTHER INFORMATION: Riboprobe		
130	<400> SEQUENCE: 5		
131	caaaaagcugg agcuccaccg cgugggcgcc cgcucuagcc cacuagugcc cuucagcacc	60	
132	gcaauaugcu gcggaaguuc uuccggaagu ugucaucuag aaaggcguag aggaaggggu	120	
133	ucagggcacga guuggcguaug cugaggcugg ugaugacqua ggacauacug augaccagug	180	
134	gggucugggg cagguccgug gucagggcca ,cgacagaggc cagguggaag ggcguccagc	240	
135	agaggaggca cacggccagc acgacgagga ccaggacggu caccuuccgc cuggccuugc	300	
136	cuagagccuu ggcuccagag cggagccgca cggcccgcat ccugcgcagg aggucugugu	360	
137	agagcacaca gauggugcac acgggcagca cgaagcccag gaccaacgug uagacacggc	420	
138	uggccuugaa ccagaccugc ucgggcccacg ggaagcucag cccacagcuu gggaccugca	480	
139	gcucguugcu guagacgcca gcgaaagaga agaaggcag aaccaggacc gugacgcccc	540	
140	gccagacaca caggcuggcg accuucgccc cccguaggu gcgccaggc auguggcggg	600	
141	accucacggu ggccagcacc accagguauc gguccacgcu caucacggcu aggaaguaga	660	
142	ugcuggagaa gauguuguag ugugcga	687	
144	<210> SEQ ID NO: 6		
145	<211> LENGTH: 17		
146	<212> TYPE: PRT		
147	<213> ORGANISM: Sus scrofa		
149	<400> SEQUENCE: 6		
150	Trp Tyr Lys His Thr Ala Ser Pro Arg Tyr His Thr Val Gly Arg Ala		
151	1	5	10
152	Ala		15
154	<210> SEQ ID NO: 7		
155	<211> LENGTH: 438		
156	<212> TYPE: DNA		
157	<213> ORGANISM: Homo sapiens		
159	<220> FEATURE:		
160	<221> NAME/KEY: misc_feature		
161	<222> LOCATION: 408		
162	<223> OTHER INFORMATION: n is a, c, g, or t		
164	<400> SEQUENCE: 7		
165	gccccatgag caggccagcg gcgcggccca ccgtgtggta gcggggactc gccacgtgt	60	
166	tgttaccacgc gcccggaggc agcggcagca ggagcagaag cagcagcagt gccagccgc	120	
167	gcccggctcg gggagccccc cgctccccctg ggcgccacgc cagggcgctc gcgtcgacgg	180	
168	ccgccccggcg gggcgggcca cgaaccggct cggctgggt tgggcgcgca gtggagttgg	240	

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169 gacgcccagg taccggagcg caggaggctg gagggcagcc gtgggtcccc tgcagggcca 300
 170 gctataaccc ctgggtggcc ccgcctcggtt ccgccccccctc agtaccgctg ggctccccag 360
 W--> 171 atggggggag ggacggaggg aggagaggga accctggcag ctggcggnng acgtgggtac 420
 172 ttgagcacct cactgagt 438
 174 <210> SEQ ID NO: 8
 175 <211> LENGTH: 264
 176 <212> TYPE: DNA
 177 <213> ORGANISM: Homo sapiens
 179 <400> SEQUENCE: 8
 180 gatagggtga gcgacgcagc cccatgagca ggccagcggc gcggccacc gtgtggtagc 60
 181 ggggacttcgc cacgtgtttt taccacgcgc cggagggcag cggcagcagg agcagaagca 120
 182 gcagcagtgc cagccgcggc cggctcgccg gagccccccg ctcccctggg cgccacgcca 180
 183 gggcgctcgc gtcgacggcc gcccggcgaa gcgggccacg aaccggctcg gctgggtttg 240
 184 ggcgcgcagt ggagttggaa cgcc
 186 <210> SEQ ID NO: 9
 187 <211> LENGTH: 424
 188 <212> TYPE: DNA
 189 <213> ORGANISM: Homo sapiens
 191 <400> SEQUENCE: 9
 192 gatagggtga gcgacgcagc cccatgagca ggccagcggc gcggccacc gtgtggtagc 60
 193 ggggacttcgc cacgtgtttt taccacgcgc cggagggcag cggcagcagg agcagaagca 120
 194 gcagcagtgc cagccgcggc cggctcgccg gagccccccg ctcccctggg cgccacgcca 180
 195 gggcgctcgc gtcgacggcc gcccggcgaa gcgggccacg aaccggctcg gctgggtttg 240
 196 ggcgcgcagt ggagttggaa cgcccgaggta ccggagcgcgaa ggaggcttggaa ggcgcgcgt 300
 197 gggctccctg caggcccagcataaaccgtt cggtgccccc gcctcggttcc gcccctcag 360
 198 taccgctggg ctccccagat gggggggaggaa acggaggag gagagggaaac cttggcagct 420
 199 ggcg 424
 201 <210> SEQ ID NO: 10
 202 <211> LENGTH: 375
 203 <212> TYPE: DNA
 204 <213> ORGANISM: Homo sapiens
 206 <400> SEQUENCE: 10
 207 ggcctcacc gtgtggtagc ggggacttcgc cacgtgtttt taccacgcgc cggagggcagc 60
 208 ggcacgagga gcagaagcag cagcagtgc agccgcggcc ggctcgccgg agccccccgc 120
 209 tcccctgggc gccacgcagg gctacagcgt cggccggccgc ccgcggggcc atgcaccccg 180
 210 gtcggctgg gtttggcgcc gcaatggggat tgggacggcc aggtaccggaa ggcgcaggagg 240
 211 ctggaggcga gccgtgggtc ccctgcagcc ccagctataa ccgcctcggtg gcccgcctc 300
 212 gttccggccc ctcagtaccg ctgggctccc cagaatgggg gagggacggaa gggaggagag 360
 213 ggaaccctgg cagct 375
 215 <210> SEQ ID NO: 11
 216 <211> LENGTH: 260
 217 <212> TYPE: DNA
 218 <213> ORGANISM: Homo sapiens
 220 <220> FEATURE:
 221 <221> NAME/KEY: misc_feature
 222 <222> LOCATION: 2, 61, 147, 189, 213, 237, 249
 223 <223> OTHER INFORMATION: n is a, c, g, or t
 225 <400> SEQUENCE: 11
 W--> 226 cnacgttctc ggggacataa accctgttct tgcctctaacc cgccaaagggg ccatggactt 60

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227	nagcgcgctg	gcgtcgagca	gagaagtacg	gggcctggg	ccggggctcc	ggtgaaccgg	120										
228	cccctgctac	cgctactgct	gcttctnctc	ttgctacctc	tgcccgccag	cgcctggta	180										
229	aagcacgtng	cgagccctcg	ctatcacaca	gtnggtcg	cctccgggt	gctcatnggg	240										
230	ctgcgccgn	cgtcctac					260										
232	<210>	SEQ ID NO:	12														
233	<211>	LENGTH:	24														
234	<212>	TYPE:	DNA														
235	<213>	ORGANISM:	Artificial Sequence														
237	<220>	FEATURE:															
238	<223>	OTHER INFORMATION:	Primer														
240	<400>	SEQUENCE:	12														
241	aactccactg	cgcgc	ccaaa	cccc	24												
243	<210>	SEQ ID NO:	13														
244	<211>	LENGTH:	24														
245	<212>	TYPE:	DNA														
246	<213>	ORGANISM:	Artificial Sequence														
248	<220>	FEATURE:															
249	<223>	OTHER INFORMATION:	Primer														
251	<400>	SEQUENCE:	13														
252	tctcccacag	ctc	ctgaacc	cacg	24												
254	<210>	SEQ ID NO:	14														
255	<211>	LENGTH:	375														
256	<212>	TYPE:	DNA														
257	<213>	ORGANISM:	Homo sapiens														
259	<400>	SEQUENCE:	14														
260	aactccactg	cgcgc	ccaaa	ccc	aggccgag	ccgggttcgtg	60										
261	gtcgacgcga	gcgc	ccctggc	gtggc	gcgc	ggggagcggg	120										
262	cggctggcac	tgct	gtctg	tct	gtct	gtccgcgtc	180										
263	cacgtggcga	gtccc	cgcta	ccacac	gggt	ggccgcgc	240										
264	cgtcgctcac	cctat	ctgtg	gcccgcgc	ctgcgcgcgg	ccgcggggcc	300										
265	gacaccctct	cccc	gaacc	cgc	agccgc	gaggctc	360										
266	caggagctgt	ggg	gag	gt	gt	ctcg	375										
268	<210>	SEQ ID NO:	15														
269	<211>	LENGTH:	125														
270	<212>	TYPE:	PRT														
271	<213>	ORGANISM:	Homo sapiens														
273	<400>	SEQUENCE:	15														
274	Asn	Ser	Thr	Ala	Arg	Pro	Asn	Pro	Ala	Glu	Pro	Val	Arg	Gly	Pro	Pro	
275	1			5			10			15							
276	Arg	Arg	Ala	Ala	Val	Asp	Ala	Ser	Ala	Leu	Ala	Trp	Arg	Pro	Gly	Glu	
277				20			25			30							
278	Arg	Gly	Ala	Pro	Ala	Ser	Arg	Pro	Arg	Leu	Ala	Leu	Leu	Leu	Leu		
279				35			40			45							
280	Leu	Leu	Leu	Pro	Leu	Pro	Ser	Gly	Ala	Trp	Tyr	Lys	His	Val	Ala	Ser	
281				50			55			60							
282	Pro	Arg	Tyr	His	Thr	Val	Gly	Arg	Ala	Ala	Gly	Leu	Leu	Met	Gly	Leu	
283				65			70			75			80				
284	Arg	Arg	Ser	Pro	Tyr	Leu	Trp	Arg	Arg	Ala	Leu	Arg	Ala	Ala	Gly		
285					85			90			95						

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; N Pos. 408
Seq#:11; N Pos. 2,61,147,189,213,237,249
Seq#:95; Xaa Pos. 21
Seq#:103; Xaa Pos. 21
Seq#:104; Xaa Pos. 21
Seq#:105; Xaa Pos. 1
Seq#:106; Xaa Pos. 1
Seq#:111; Xaa Pos. 1
Seq#:112; Xaa Pos. 1
Seq#:113; Xaa Pos. 1

VERIFICATION SUMMARY

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L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:360
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:1298 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:95
L:1305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:16
L:1386 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:103
L:1393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:16
L:1402 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:104
L:1409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:16
L:1418 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:105
L:1423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:0
L:1434 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:106
L:1439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:0
L:1490 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:111
L:1495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:0
L:1506 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:112
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:0
L:1522 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:113
L:1527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0